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PATENT

Attorney Docket No. 16994-003125

By Marlene Scordino

TOWNSEND and TOWNSEND and CREW LLP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

H. DEBOER et al.

Application No.: 08/476,798

Filed: June 7, 1995

For: PRODUCTION OF RECOMBINANT

POLYPEPTIDES BY BOVINE SPECIES AND TRANSGENIC

METHODS

Examiner: K. HANDY

Art Unit: 1819

AMENDMENT

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GROUP JEOR

BOX AF Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

Pursuant to 35 U.S.C. § 135(b), Applicants respectfully request entry of the following new claims in the above-identified application.

Please amend the application as follows:

IN THE CLAIMS:

Please enter the following new claims:

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99. A DNA sequence encoding human lactoferrin protein, a substitution analog wherein said DNA sequence is a substitution analog of SEQ ID NO: 1 or 3, or of a naturally-occurring allele of SEQ ID NO: 1 or 3.

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100. A portion of DNA sequence of claim 99, further defined as a region encoding a lactoferrin fragment comprising a human lactoferrin iron non-binding site.